

## CLAIMS

1. A cylinder head having a cooling water pipe inside, wherein the cooling water pipe is inserted and has outlet openings respectively placed in a position around a fuel injection nozzle and in a position between ports.
2. The cylinder head as defined in claim 1, wherein the cooling water pipe extends from an inlet opening to the outlet opening without passing through a valve seat.
3. The cylinder head as defined in claim 1, wherein the cooling water pipe is made of aluminum.